



**TROPICAL CYCLONE BULLETIN NO. 28**  
**Severe Tropical Storm PAENG (NALGAE)**

Issued at 11:00 AM, 31 October 2022

Valid for broadcast until the next bulletin at 5:00 PM today

**“PAENG” RE-INTENSIFIES INTO A SEVERE TROPICAL STORM WHILE MOVING OVER THE WEST PHILIPPINE SEA**

<p><b>Location of Center (10:00 AM):</b>          The center of Severe Tropical Storm “PAENG” was estimated based on all available data at <b>375 km West of Dagupan City, Pangasinan (16.6°N, 116.9°E)</b></p>	
<p><b>Intensity:</b>          Maximum sustained winds of <b>95 km/h</b> near the center, gustiness of up to <b>115 km/h</b>, and central pressure of <b>985 hPa</b></p>	
<p><b>Present Movement:</b>  <b>Northwestward at 10 km/h</b></p>	
<p><b>Extent of Tropical Cyclone Winds:</b>  <b>Strong to gale-force winds</b> extend outwards up to <b>650 km</b> from the center</p>	

**TRACK AND INTENSITY FORECAST**

Date and Time	Center Position		Location	Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)		MSW (km/h)	Cat.	
<b>12-Hour Forecast</b> 8:00 PM 31 October 2022	17.7	116.8	390 km West of Sinait, Ilocos Sur (Outside the PAR)	100	STS	N 10
<b>24-Hour Forecast</b> 8:00 AM 01 November 2022	18.5	116.7	405 km West of Laoag City, Ilocos Norte (Outside the PAR)	110	STS	N Slowly
<b>36-Hour Forecast</b> 8:00 PM 01 November 2022	19.2	116.4	535 km West of Calayan, Cagayan (Outside the PAR)	100	STS	NNW Slowly
<b>48-Hour Forecast</b> 8:00 AM 02 November 2022	19.9	115.8	645 km West of Basco, Batanes (Outside the PAR)	95	STS	NW 10
<b>60-Hour Forecast</b> 8:00 PM 02 November 2022	20.4	114.9	740 km West of Basco, Batanes (Outside the PAR)	85	TS	WNW 10
<b>72-Hour Forecast</b> 8:00 AM 03 November 2022	20.7	114.0	815 km West of Extreme Northern Luzon (Outside the PAR)	75	TS	WNW 10
<b>96-Hour Forecast</b> 8:00 AM 04 November 2022	20.7	111.5	1,075 km West of Extreme Northern Luzon (Outside the PAR)	55	TD	W 10

Prepared by:  **SMRR**

Checked by:  **CFP**



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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
<b>1</b> Wind threat: <b>Strong winds</b>	<b>The southern portion of Ilocos Norte</b> (Badoc, Pinili, Banna, Nueva Era, City of Batac, Paoay, Marcos, Currimao, Dingras, Solsona, Sarrat, San Nicolas, Laoag City, Piddig), <b>Ilocos Sur, La Union, Pangasinan, the western and central portions of Pampanga</b> (Mexico, Porac, Angeles City, Santa Rita, Santa Ana, Guagua, Sasmuan, Mabalacat City, Arayat, Santo Tomas, Minalin, City of San Fernando, Bacolor, Floridablanca, Magalang, Lubao), <b>Abra, Benguet, the western portion of Mountain Province</b> (Besao, Tadian, Bauko, Sabangan, Sagada), <b>the western portion of Ifugao</b> (Tinoc, Hungduan), <b>Tarlac, the western portion of Nueva Vizcaya</b> (Santa Fe, Kayapa), <b>the western portion of Nueva Ecija</b> (Cuyapo, Talugtug, Nampicuan, Guimba, Licab, Quezon, Zaragoza, San Antonio, Cabiao), <b>Zambales, and the central and southern portions of Bataan</b> (Orani, Abucay, Hermosa, Samal, Morong, Dinalupihan, Bagac, City of Balanga, Pilar)	-	-
	Warning lead time: <b>36 hours</b> Range of wind speeds: <b>39 to 61 km/h (Beaufort 6 to 7)</b> Potential impacts of winds: <b>Minimal to minor threat to life and property</b>		
<b>Tropical Cyclone Wind Signals in other areas are hereby lifted</b>			

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<b>HAZARDS AFFECTING LAND AREAS</b>
<p><b>Heavy Rainfall</b></p> <ul style="list-style-type: none"> <li>• <i>Through this afternoon:</i> Moderate to heavy rains remains possible over Batanes, Zambales, and Bataan. Light to moderate with at times heavy rains still possible over Ilocos Region, Cordillera Administrative Region, Cavite, Batangas, Laguna, the southern portion of Quezon, Western Visayas, Babuyan Islands, MIMAROPA, and the rest of Central Luzon.</li> <li>• Except in areas with significant antecedent rainfall or those still experiencing persistent heavy rainfall, flooding and rain-induced landslides are likely to slowly subside.</li> </ul> <p><b>Severe Winds</b>            Areas under Wind Signal No.1 may continue to experience strong winds (strong breeze to near gale strength).</p>
<b>HAZARDS AFFECTING COASTAL WATERS</b>
<ul style="list-style-type: none"> <li>• Under the influence of the surge of the Northeast Monsoon and PAENG, a <b>marine gale warning</b> remains in effect over most seaboard of Luzon. For more information, refer to Gale Warning #16 issued at 5:00 AM today.</li> <li>• PAENG may also bring <b>moderate to rough seas</b> (1.5 to 3.0 m) over the western seaboard of Visayas. These conditions may be risky for those using small seacrafts. Mariners are advised to take precautionary measures when venturing out to sea and, if possible, avoid navigating in these conditions.</li> </ul>
<b>TRACK AND INTENSITY OUTLOOK</b>
<p>PAENG is forecast to exit the Philippine Area of Responsibility this afternoon or evening. This tropical cyclone re-intensified into a severe tropical storm at 8:00 AM today. Further intensification is likely within 12 to 24 hours. However, a weakening trend is expected by late Wednesday or on Thursday.</p>

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 5:00 PM today.

**DOST-PAGASA**

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Checked by:  **CFP**